

Converting Colors

$Yxy(24.0407, 0.3315, 0.3947)$

Have a look what the booklet for
Yxy(24.0407, 0.3315, 0.3947)
contains.

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Color

Yxy(24.0407, 0.3315, 0.3947)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7C8C68 |
| RGB | 124, 140, 104 |
| RGB Percent | 49%, 55%, 41% |
| CMY | 0.5137, 0.4510, 0.5921 |
| CMYK | 0.11, 0.00, 0.26, 0.45 |
| HSL | 87°, 15%, 48% |
| HSV | 87°, 26%, 55% |
| XYZ | 20.1913, 24.0407, 16.6768 |
| YIQ | 131.1120, 2.0200, -14.5880 |

Conversions

Conversions Part 2

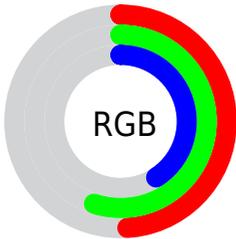
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 104, 140, 120 |
| Decimal | 8162408 |
| CIE _{Lab} | 56.13, -12.56, 17.35 |
| CIE _{LCh} | 56, 21.420, 125.895 |
| Yxy | 24.0407, 0.3315, 0.3947 |
| Android (android.graphics.Color) | 4286352488 (0xFF7C8C68) |
| YUV | 131.1120, -13.3662, -6.2372 |
| Hunter-Lab | 49.0313, -12.2979, 14.1558 |

Details

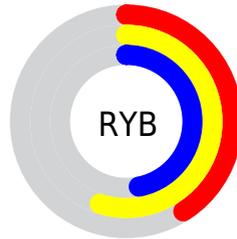
The Yxy color **24.0407, 0.3315, 0.3947** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7902, 0.2897, 0.2625**, and the grayscale version is **22.7890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2972, 0.3282, 0.3808**, and **9.1036, 0.3371, 0.4206** is the 20% darker color. If you saturate the color by 10%, you get **23.3315, 0.3382, 0.4227**, and if you desaturate by 10%, it is **24.8284, 0.3243, 0.3678**.

Distribution



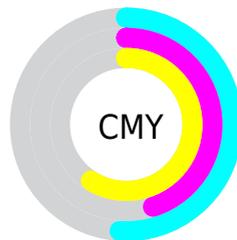
- Red (49%)
- Green (55%)
- Blue (41%)



- Red (41%)
- Yellow (55%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0407, 0.3315, 0.3947 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 24.0407, 0.3315, 0.3947 by changing the saturation by 10% instead.

 24.0407, 0.3315,
0.3947

 24.0407, 0.3315,
0.3947

273.0262, 0.3216,
0.3573

 15.3638, 0.3340,
0.4059

 50.0966, 0.3278,
0.3798

 9.0751, 0.3372,
0.4216

 68.2444, 0.3265,
0.3747

 4.7902, 0.3412,
0.4451

 90.3180, 0.3254,
0.3704

 2.1247, 0.3471,
0.4857

 116.7017, 0.3244,
0.3669

 0.6785, 0.3327,
0.6673

147.7800, 0.3236,
0.3640

 0.0000, 0.0000,
0.0000

183.9373, 0.3228,

0.3614

225.5579, 0.3222,
0.3592

■ 24.0407, 0.3315,
0.3947

■ 24.0407, 0.3315,
0.3947

■ 23.3315, 0.3382,
0.4227

■ 24.8284, 0.3243,
0.3678

■ 22.6949, 0.3441,
0.4511

■ 25.6942, 0.3169,
0.3426

■ 22.1288, 0.3486,
0.4787

■ 26.6418, 0.3096,
0.3192

■ 21.6299, 0.3515,
0.5044

■ 27.6734, 0.3025,
0.2979

■ 21.1945, 0.3523,
0.5269

■ 28.7914, 0.2957,
0.2786

■ 20.8184, 0.3510,
0.5450

■ 29.9981, 0.2893,
0.2612

■ 20.4957, 0.3476,
0.5583

■ 31.2954, 0.2833,
0.2456

■ 20.3676, 0.3460,
0.5635

■ 32.6856, 0.2777,
0.2317

■ 34.1705, 0.2725,
0.2192

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.0407, 0.3649, 0.3922



24.0407, 0.3315, 0.3947



24.0407, 0.2944, 0.3764

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.0407, 0.3315, 0.3947



24.0407, 0.2451, 0.2809



24.0407, 0.3633, 0.3133

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.0407, 0.3315, 0.3947



15.7902, 0.2897, 0.2625

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.0407, 0.3283, 0.2876



24.0407, 0.3315, 0.3947



24.0407, 0.2609, 0.2688

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.0407, 0.3315, 0.3947



24.0407, 0.2459, 0.3074



24.0407, 0.2907, 0.2716



24.0407, 0.3844, 0.3437

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.0407, 0.3315, 0.3947



24.0407, 0.2725, 0.3550



24.0407, 0.2907, 0.2716



24.0407, 0.3527, 0.3040

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



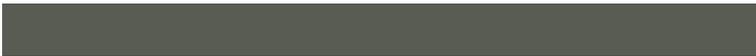
24.0417, 0.3315, 0.3947



44.9118, 0.3187, 0.3486



19.9140, 0.3582, 0.3569



10.2996, 0.3198, 0.3520



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.0417, 0.3315, 0.3947



41.6268, 0.3356, 0.4113



22.8451, 0.3120, 0.3988



5.7363, 0.3195, 0.3510



18.1099, 0.3463, 0.5632



0.1290, 0.3786, 0.5376

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.7902, 0.2897, 0.2625



24.4565, 0.2832, 0.2454



17.1665, 0.3125, 0.2668



4.9939, 0.3055, 0.3069



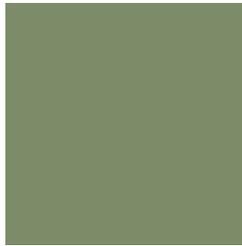
2.6090, 0.1946, 0.0846



0.0258, 0.2442, 0.1119

Previews

White Background



This preview shows how the Yxy color 24.0407, 0.3315, 0.3947 looks on a white background.

Color Contrast Check

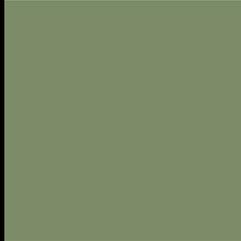
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.0407, 0.3315, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

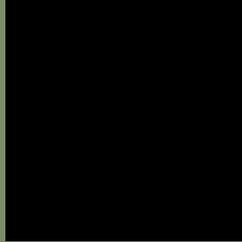
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.0407, 0.3315, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 24.0407, 0.3315, 0.3947.



This preview shows how white text looks on a background with the Yxy color 24.0407, 0.3315, 0.3947.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.0407, 0.3315, 0.3947

Protanopia

23.9191, 0.3606, 0.3855

Deuteranopia

23.9092, 0.3734, 0.3665



Tritanopia

24.1181, 0.2972, 0.3119

Trichromacy



Original Color

24.0407, 0.3315, 0.3947

Protanomaly

23.8860, 0.3502, 0.3887

Deuteranomaly

23.8147, 0.3578, 0.3768

Tritanomaly

24.0922, 0.3099, 0.3413

Monochromacy



Original Color

24.0407, 0.3315, 0.3947

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.0199, 0.3196, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0407, 0.3315, 0.3947 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 140, 104)` looks like.

```
.text, #text, p{  
    color:rgb(124, 140, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 140, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 140, 104) }
```

Border

The CSS property to change the border of an element to Yxy 24.0407, 0.3315, 0.3947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 140, 104) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(124, 140, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(124, 140, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 140, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 140, 104);  
box-shadow:4px 4px 4px 4px rgb(124, 140,  
104) }
```

Background

The CSS property to change the background color of an element to Yxy 24.0407, 0.3315, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 140, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124,  
140, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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